

## **TRADE DESCRIPTIONS**

**ELECTRICIAN** - Installs, repairs, maintains, manufactures, and tests temporary power systems for industrial and Navy vessels. Installs, tests, repairs, and maintains electrical systems, fire alarms, and security systems according to National Electric Code.

**ELECTRONICS MECHANIC** - Inspects, troubleshoots, repairs, test, overhauls, modifies, and calibrates physical and electrical/electronic and electromechanical shipboard instrumentation used to measure and indicate and/or regulate parameters such as voltage, current, power, temperature, and pressure.

**FABRIC WORKER** - Lays out, fabricates, repairs, and installs awnings, canopies, and protective coverings of all types for use on ship decks, hatches, shipboard ordinance, machinery and electronic equipment.

**INSULATOR** - Installs, removes, repairs, and manufactures insulation for the purposes of heat transfer prevention, condensation prevention, sound dampening, and radiation shielding.

**MACHINIST** – Operates a variety of machines, and repairs ship's components. Using lathes, mills, grinders, etc., parts are repaired or manufactured within close tolerances.

**MARINE MACHINERY MECHANIC** - Removes, repairs, reinstalls the major propulsion, auxiliary, and weapons systems aboard ships.

**PAINTER** - Apply paints, coatings, and coverings for functional, decorative, or protective purposes aboard ships and in shop areas.

**PLASTIC FABRICATOR** – Designs and fabricates templates, patterns, wooden molds and form blocks of various geometric shapes and sizes used in the forming of Plexiglas, fiberglass, and various plastic and rubber items.

**PIPEFITTER** - Removes, repairs, reinstalls the major propulsion, auxiliary and weapons systems. Manufactures, installs, repairs, maintains, and removes all dockside to shipyard temporary piping services.

**RIGGER** - Uses chainfalls, blocks, tackles, winches, cranes, and other mechanical devices to safely move items ranging from a few pounds to those weighing hundreds of tons, usually from or to areas within Navy vessels.

**SHEET METAL MECHANIC** - Designs, manufactures, installs, and repairs ventilation, furniture, lightweight bulkheads, and doors on Navy vessels.

**SHIPFITTER** - Manufactures, installs, removes, and repairs structural assemblies varying in size from less than one hundred pounds to over 40 tons.

**SHIPWRIGHT** - Utilizes transits and levels to establish working lines and reference points, checks vessel alignment during docking evolution, and constructs precise docking blocks on which the vessel sits while in dry dock.

**WELDER** - Join metals using complex thermal processes in the overhaul, repair, and construction of Navy vessels.